Mercury:	. Sun:	Earth:	~	
Venus:	• /			
	INSTRUCTIONS 1. Colour in the planets and Sun (PTO) 2. Cut out the planets (and labels if you want) 3. Choose where to put the Sun.			Jupiter:
	4. Ask a grown-up to help you measure/guess the below distances fr Sun to the planets to make your scale model of the solar system. The be tricky!			Saturn:
	Distances from Sun to Planets: Mercury: 8 metres (26 ft; 10 strides from Sun) Venus: 15 metres (48 1/2 ft; 10 strides past Mercury) Earth: 21 metres (67 ft; 7 strides past Venus) Mars: 31 metres (102 ft; 14 strides past Earth) Jupiter: 106 metres (350 ft; 99 strides past Mars)			Uranus:
	Saturn: 195 metres (640 ft; 116 strides past Jupiter) Uranus: 400 metres (about a quarter of a mile from Sun; a 2 minute wal Saturn) Neptune: 620 metres (about a third of a mile; a 2 ½ minute walk from U			Neptune:
	On this scale the nearest star, Alpha Centauri, would be in Disneyland in (assuming the Sun is in Portsmouth, UK).	California		
	Based on: http://www.exploratorium.edu/ronh/solar_system/			
	Tips for measuring:	\neg		
725.0	 Stride length for a typical adult is 2.5 ft/stride. Walking times for typical adult is 3.1 miles/hou 	<u>r.</u>	Solar	System Scale Model (by Dr. Karen Masters, UoP)
Mars:	•			Print on A4 paper.